Claims:

1) The use of a pigment preparation comprising

a) a dioxazine compound of the formula (I) as base pigment

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$$\begin{array}{c|c} CI & \\ N & \\ O & \\ CI & \\ \end{array}$$

and

b) a dioxazine compound of the formula (II) as pigment dispersant

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$$Q-[Y-X]_m$$
 (II)

in which

Q is an m-valent radical of the base pigment of the formula (I),

y is a bridging moiety from the series -(CR¹R²)_x- with x being 1 to 6, substituted or unsubstituted phenylene, -CO-, or -NR³-, or a nonrepeating or repeating combination of at least two such bridging members of different type, R¹, R², and R³ independently of one another being hydrogen or C₁-C₄alkyl,

is the radical of an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system which is attached to the bridging member Y via a C atom and has in each case 1 to 3 identical or different ring heteroatoms from the series nitrogen, oxygen or sulfur and if desired also has a benzofused ring and may be substituted by C₁-C₄-alkyl, C₂-C₄-alkenyl, C₁-C₃-hydroxyalkyl or phenyl;

or is a phthalimido radical which is attached to the bridging member Y via the imide nitrogen and which may be substituted up to a maximum of four 5

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m

times on the benzoid ring by chloro, bromo, nitro, carboxyl, N-(C1-C5alkyl)carbamoyl, N-phenylcarbamoyl or benzoylamino; or is a radical -NR⁴R⁵, in which R⁴ and R⁵ independently of one another are each hydrogen, substituted or unsubstituted C1-C20-alkyl or C2-C20-alkenyl, C₅-C₆-cycloalkyl, substituted or unsubstituted phenyl, benzyl or naphthyl; or in which the group -NR⁴R⁵ forms an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system having in each case 1 to 3 identical or different ring heteroatoms from the series nitrogen, oxygen or sulfur, which if desired also has a benzo-fused ring and may be substituted by hydroxyl, oxo, C₁-C₄-alkyl, C₂-C₄-alkenyl, C₁-C₃-hydroxyalkyl or phenyl, and indicates a numerical value between 1 and 4,

as a colorant in color filters, ink-jet inks, electrophotographic toners and developers, and electronic inks.

The use as claimed in claim 1, wherein 2)

has the definition - $(CH_2)_p$ -, -CO- NR^3 - $(CH_2)_p$ -, - CH_2 - NR^3 -CO- $(CH_2)_p$ - or Υ -CH₂-NR³-CO-CH₂-NH-(CH₂)_n-, in which R³ is hydrogen or C₁-C₄-alkyl, and n and p independently of one another are each numerical values from 1 to 6,

is the radical of a furan, thiophene, pyrrole, pyrazole, thiazole, oxazole, triazole, imidazole, thionaphthene, benzoxazole, benzothiazole, benzimidazole, benzotriazole or indole which is attached to the bridging member Y via a C atom; or is a radical –NR⁴R⁵, in which R⁴ and R⁵ independently of one another are each hydrogen, unsubstituted or substituted C₁-C₆-alkyl or C₂-C₆-alkenyl, C₅-C₆cycloalkyl, unsubstituted or substituted phenyl, benzyl or naphthyl;

or in which the group -NR⁴R⁵ is a pyrrolinyl, pyrrolidinyl, piperidinyl, morpholinyl, homopiperidinyl or imidazolyl which if desired also has a benzo-fused ring and may be substituted by hydroxyl, oxo, C₁-C₄-alkyl, C₁-C₃-hydroxyalkyl or phenyl, and

is a number from 1 to 3. m

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3) The use as claimed in claim 1 or 2, wherein

is - $(CH_2)_{1-3}$ -, -CO-NH- $(CH_2)_{1-3}$ -, - CH_2 -NH-CO- $(CH_2)_{1-3}$ - or Υ -CH₂-NH-CO-CH₂-NH-(CH₂)₂₋₃-,

X is imidazolyl which is attached to the bridging member Y via the imide nitrogen or the positions 4 or 5, or is a radical $-NR^4R^5$, R^4 and R^5 being hydrogen or C_1 - C_4 -alkyl, and

m is a number from 1 to 2.5.

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4) The use as claimed in at least one of claims 1 to 3, wherein the pigment dispersant is a compound of the formula (III)

$$Q \xrightarrow{H_3C} N \\ CH_2 \xrightarrow{N} M \\ H \\ M$$
 (III)

10 in which

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m stands for a numerical value from 1 to 4.

- 5) The use as claimed in claim 4, wherein m is a number from 1 to 2.
- 15 6) The use as claimed in at least one of claims 1 to 5, wherein the pigment preparation contains 0.5% to 99% by weight of pigment dispersant of the formula (II) or (III), based on the weight of the base pigment of the formula (I).
- 7) The use as claimed in claim 6, wherein the pigment preparation contains
 20 5% to 30% by weight of pigment dispersant of the formula (II) or (III), based on the weight of the base pigment of the formula (I).
 - 8) The use as claimed in at least one of claims 1 to 7, wherein the pigment preparation is shaded with a colorant from the group of organic or inorganic pigments or of organic dyes.